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United States Patent [19]

tion of Ser. No. 88,227, Aug. 24, 1987, Pat. No.

4,769,003, which is a continuation-in-part of Ser. No.

U.S. Cl. 623/6

[58] Field of Search 623/5, 6; 351/160 R,

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[56]

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Nordan

[11] Patent Number: 5,326,348

Date of Patent:

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	tion of Ser. No. 509,871, Apr. 16, 1990, Pat. No. 5,019,099, which is a continuation of Ser. No. 232,140, Aug. 15, 1988, Pat. No. 4,917,681, which is a continua-		An intraocular lens, in the form of a disk, intended to replace the crystalline lens of a patient's eye, in particular after catagod extraction, comprises on its distal side.	
	No. 5,236,452, and a continuation of Ser. No. 583,151, Sep. 17, 1990, Pat. No. 5,074,877, which is a continua-		[57] ABSTRACT	
[63]			Attorney, Agent, or Firm-Henri J. A. Charmasson	
			Primary Examiner—Randall L. Green Assistant Examiner—Mary Beth Jones	
[22]	Filed:	Apr. 12, 1993	5,074,877 12/1991 Nordan 623/6	
[21]	Appl. No.:	44,739	4,917,681 4/1990 Nordan	
		disclaimed.	4,769,033 9/1988 Nordan	
		subsequent to Sep. 6, 2005 has been	4,710,193 12/1987 Volk	
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			4,640,595 2/1987 Volk	
[76]	Inventor:	Lee T. Nordan, 9834 Genesee Ave.,	4,581,031 4/1986 Koziol et al	
[54]	4] INTRAOCULAR MULTIFOCAL LENS		4,573.998 3/1986 Mazzocco	
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of a disk, intended to patient's eye, in particular after cataract extraction, comprises on its distal side, an aspherical sector extending approximately from the midline of the disk over one quarter of the surface thereof. The rest of the distal side is spherical. The radius of curvature of the aspherial sector varies monotonously between the value of the radius of the spherical sectors and a lower value. Such a configuration allows light rays impinging on the intraocular lens to be refracted at different angles and provides both near and distant vision. The discontinuity at transition between the aspherical sector and the spherical sector is blocked out by dark or etched plastic to eliminate glare. The proximal side can either be a convex surface, a concave surface or a plane.

5 Claims, 2 Drawing Sheets

